

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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PATENT NO. : 7,305,056 B2

APPLICATION NO.: 10/715,582

ISSUE DATE : December 4, 2007

INVENTOR(S) : Brian William Kroeger

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8, Line 9

$y_{n,m} = 2 \cdot (1-\beta) \cdot y_{n-1,m} - (1-\beta)^2 \cdot y_{n-2,m} + \beta^2 \cdot x$ should read $y_{n,m} = 2 \cdot (1-\beta) \cdot y_{n-1,m} - (1-\beta)^2 \cdot y_{n-2,m} + \beta^2 \cdot x_{n,m}$

Column 9, Line 21

"...estimate of the coherent reference gain [a] a for each QPSK..."

Column 11, Line 9

"...locally to[,] the transient, but..."

Column 13, Line 18

Table 1 shows the input values of [ax] a and....

Column 13, Table 1

Corrected result a

α_{n-5}	α_{n-4}	α_{n-4}	α_{n-4}	α_{n-4}	$\frac{\alpha_{n-2} + \alpha_{n+4}}{2}$	α_{n+4}	α_{n+4}	α_{n+4}	α_{n+4}	α_{n+5}
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should read

α_{n-5}	α_{n-4}	α_{n-4}	α_{n-4}	α_{n-4}	$\frac{\alpha_{n-2} + \alpha_{n+4}}{2}$	α_{n+4}	α_{n+4}	α_{n+4}	α_{n+4}	α_{n+5}
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Column 13, Line 62

... channel gain values [a] α in the vicinity....

Column 14, Line 56

"...and $\text{var}l_n$ on line [3] $\underline{330}$ $\text{var}l_n = \text{max}...$ "

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